

PTO-1449 REPRODUCED			ATTORNEY DOCKET NO. 0050.2048-005	APPLICATION NO. 10/657,734	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION			FIRST NAMED INVENTOR Ian W. Hunter		FILING DATE 09/08/03
February 25, 2004 (use several sheets if necessary)			EXAMINER Not assigned	CONFIRMATION NO. 8918	GROUP 3763

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
SHH	AA	3,057,349	10/09/1962	Ismach
	AB	3,815,594	06/11/1974	Doherty
	AC	3,977,402	08/31/1976	Pike
	AD	4,108,177	08/22/1978	Pistor
	AE	4,206,769	06/10/1980	Dikstein
	AF	4,436,173	03/06/1984	Siposs et al.
	AG	4,744,841	05/17/1988	Thomas
	AH	4,886,499	12/12/1989	Cirelli et al.
	AI	5,116,313	05/26/1992	McGregor
	AJ	5,405,614	04/11/1995	D'Angelo et al.
	AK	5,480,381	01/02/1996	Weston
	AA2	5,505,697	04/09/1996	McKinnon, Jr. et al.
	AB2	5,622,482	04/22/1997	Lee
	AC2	5,694,920	12/09/1997	Abrams et al.
	AD2	5,722,953	03/03/1998	Schiff et al.
	AE2	5,840,062	11/24/1998	Gumaste et al.
	AF2	5,919,167	07/06/1999	Mulhauser et al.
	AG2	6,004,287	12/21/1999	Loomis et al.
	AH2	6,037,682	03/14/2000	Shoop et al.
	AI2	6,074,360	06/13/2000	Haar et al.
	AJ2	6,203,521 B1	03/20/2001	Menne et al.
	AK2	6,258,062 B1	07/10/2001	Thielen et al.
	AA3	6,272,857 B1	08/14/2001	Varma
	AB3			
	AC3			

EXAMINER 	DATE CONSIDERED 02/01/06
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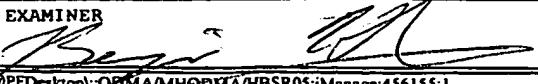
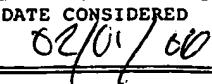
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FOREIGN PATENT DOCUMENTS					
		DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES NO
BH	AL	EP 1 020 200 A2	07/19/2000	Weston Medical Limited	
BH	AM	EP 0 599 940 B1	12/29/1997	Weston Medical Limited	
BH	AN	EP 0 710 130 B1	12/06/2000	Weston Medical Limited	
BH	AO	EP 0 834 330 A2	04/08/1998	Weston Medical Limited	
BH	AP	WO 00/23132	04/27/2000	KSW Systemtechnik GMBH	X
BH	AQ	GB 686,343	01/21/1953	Becton Dickenson and Company	
BH	AL2	01046344 JP	02/20/2000	KAO Corp.; Nippon System	X
BH	AM2	06327639 JP	11/20/1994	Copal Co., Ltd.	X
	AN2				
	AO2				
	AP2				
	AQ2				
	AL3				
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	AP3				
	AQ3				
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	AO4				
	AP4				
	AQ4				

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
<i>BH</i>	AR	Bischoff, J.E., <i>et al.</i> , "Finite element modeling of human skin using an isotropic, nonlinear elastic constitutive model," <i>Journal of Biomechanics</i> 33:645-652 (2000).	
<i>BH</i>	AS	Diridollou, S., "Sex- and site-dependent variations in the thickness and mechanical properties of human skin <i>in vivo</i> ," <i>International Journal of Cosmetic Science</i> 22:421-435 (2000).	
<i>BH</i>	AT	Flynn, D.M., <i>et al.</i> , "A Finite Element Based Method to Determine the Properties of Planar Soft Tissue," <i>Journal of Biomechanical Engineering</i> 120(2):202-210 (1998).	
<i>BH</i>	AU	He, M.M., <i>et al.</i> , "Two-Exponential Rheological Models of the Mechanical Properties of the Stratum Corneum," <i>Pharmaceutical Research</i> 13:S1-S604 (1996).	
<i>BH</i>	AV	Hirota, F.G., <i>et al.</i> , "An Implicit Finite Element Method for Elastic Solids in Contact," <i>IEEE</i> :136-146 (2001).	
<i>BH</i>	AW	Korenberg, M.J. and Hunter, I.W., "The Identification of Nonlinear Biological Systems: Volterra Kernel Approaches," <i>Annals of Biomedical Engineering</i> , 24:250-268 (1996).	
<i>BH</i>	AX	Lindahl, O.A., <i>et al.</i> , "A tactile sensor for detection of physical properties of human skin <i>in vivo</i> ," <i>Journal of Medical Engineering & Technology</i> , 22(4):147-153 (1998).	
<i>BH</i>	AY	Manschot, J.F.M. and Brakkee, A.J.M., "The Measurement and Modelling of the Mechanical Properties of Human Skin <i>In Vivo</i> -I. The Measurement," <i>J. Biochem.</i> 19(7):511-515 (1986).	
<i>BH</i>	AZ	Manschot, J.F.M. and Brakkee, A.J.M., "The Measurement and Modelling of the Mechanical Properties of Human Skin <i>In Vivo</i> -II. The Model," <i>J. Biomechanics</i> 19(7):517-521 (1986).	
<i>BH</i>	AR2	Menciassi, A., <i>et al.</i> , "An Instrumented Probe for Mechanical Characterization of Soft Tissues," <i>Biomedical Microdevices</i> 3(2):149-156 (2001).	
<i>BH</i>	AS2	Oka, H. and Irie, T., "Mechanical impedance of layered tissue," <i>Medical Progress through Technology, Supplement to Volume</i> 21:1-4 (1997).	
<i>GHD</i>	AT2	Patton, R.L., "Mechanical Compliance Transfer Function Analysis for Early Detection of Pressure Ulcers." Unpublished master's thesis, Massachusetts Institute of Technology, Cambridge, MA. (1999).	

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AU2	Reihsner, R., <i>et al.</i> , "Two-dimensional elastic properties of human skin in terms of an incremental model at the <i>in vivo</i> configuration," <i>Med. Eng. Phys.</i> 17(4):304-313 (1995).
AV2	Soong, T.T. and Huang, W.N., "A Stochastic Model for Biological Tissue Elasticity,"
Proceedings of the Fourth Canadian Congress of Applied Mechanics, Montreal, Canada (1973).	
AW2	Zhang, M. and Roberts, V.C., "The effect of shear forces externally applied to skin surface on
underlying tissues," <i>J. Biomed. Eng.</i> 15:451-456 (1993).	
AX2	
AY2	

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<p>PTO-149 REPRODUCED</p> <p>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</p> <p>March 12, 2004</p> <p>(See several sheets if necessary)</p> <p>O P E JC37</p> <p>MAR 19 2004</p>	ATTORNEY DOCKET NO. 0050.2048-005	APPLICATION NO. 10/657,734
	FIRST NAMED INVENTOR Ian W. Hunter	FILING DATE 09/08/03
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449 REPRODUCED	ATTORNEY DOCKET NO. 0050.2048-005	APPLICATION NO. 10/657,734
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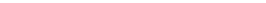
PTO-1449 REPRODUCED, INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION June 15, 2004 JUN 17 2004 (Use several sheets if necessary)	ATTORNEY DOCKET NO. 0050.2048-005	APPLICATION NO. 10/657,734
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January 7, 2005 <i>JAN 13 2005</i> (Use several sheets if necessary)	FILING DATE 09/08/03	
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